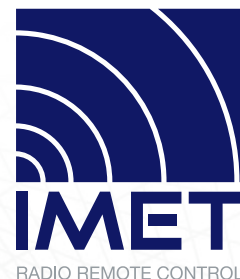


PROFESSIONAL REMOTE CONTROL SINCE 1988

BATTERY

AS037

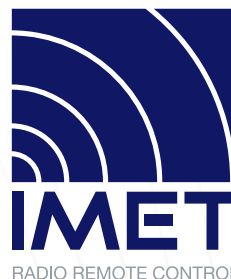
BE5000
NI-MH



AS037 – BE5000 Ni-MH Rechargeable Battery

Producer	IMET S.R.L. Via Ronche, 93 33077 Sacile (PN) - ITALY
Year of manufacture	Please refer to the first two digits of the S/N
Chemistry	NiMH
Rated voltage	2.4 Vdc
Nominal capacity	1800mAh
Battery nominal power	4.4Wh
Cell typology	Cylindrical
Battery size	Width: 53.50mm; Height: 20.00mm; Depth: 39.30mm
Battery weight	68 g
Operating temperature range (during discharge)	-20°C to +55°C
Temperature range during charging	0°C to +45°C
Storage	-20°C to +35°C HR: 85%(max)
Short circuit resistant	Yes, No explosion and fire after external short circuit
Charge retention	≥ 50% (after 1 year)
Duration in cycles	> 500
Charge recovery	≥ 90% after three charge/discharge cycles
Leakage	Burning nickel-metal hydride batteries can produce toxic fumes, including oxides of nickel, cobalt, aluminum, manganese, lanthanum, cerium, neodymium, and praseodymium.
Usable extinguishing agents	Dry sand, chemical powder, chemical extinguishing agent

BATTERY

ASO37 BE5000
NI-MH**Disposal**

Responsible disposal of used batteries is an essential practice to preserve the environment and protect human health. This process involves several steps and techniques to ensure that batteries are treated in a safe and sustainable way.

Once declared out of use, the battery must be delivered to the local recovery service that will dispose of all its parts. It is essential to avoid throwing batteries in household waste, as this can cause environmental pollution and damage the recycling of materials.

The crossed-out wheeled bin symbol on the battery indicates that the product must be collected separately from other waste at the end of its useful life. It is your responsibility to dispose of waste batteries by handing them over to the designated collection point for waste recycling in accordance with REGULATION (EU) 2023/1542 of 12 July 2023.

Proper separate collection of battery components helps avoid possible negative effects on the environment and health and promotes the recycling of materials.

EU declaration of conformity

No. DOCBE5000R00

Substances present in the battery with a concentration greater than 0.1% by weight

Chemical Name / Common Name	CAS No. CAS	%/weight
Aluminium	7429-90-5	< 2
Cobalt metal	7440-48-4	
Cobalt oxide	1307-96-6	2.5 - 6.0
Cobalt Hydroxide	21041-93-0	
Lithium Hydroxide	1310-65-2	0-4
Manganese	7439-96-5	0-4
Lanthanum	7439-91-0	
Cerium	7440-45-1	< 13
Neodymium	7440-00-8	
Praseodymium	7440-10-0	
Nickel hydroxide	12054-48-7	
Nickel oxide	1313-99-1	35-55
Nickel powder	7440-02-0	
Potassium Hydroxide	1310-58-3	< 7
Sodium Hydroxide	1310-73-2	0-4
Zinc metal	7440-66-6	
Zinc oxide	1314-13-2	< 3
Zinc hydroxide	20427-58-1	
Iron	7439-89-6	10-25
Water, Paper, Plastic and Other	-	